Title (en)

Apparatus for error correction.

Title (de)

Fehlerkorrekturanordnung.

Title (fr)

Dispositif de correction d'erreurs.

Publication

EP 0086566 A2 19830824 (EN)

Application

EP 83300264 A 19830119

Priority

JP 654382 A 19820119

Abstract (en)

In an apparatus for error correction in which data sequences containing blocks each formed of plural data words previously arranged on a time-base and check words are written in a data memory (37) on the basis of a write address generator (38), the data sequences are then read out from the data memory (37) on the basis of a read address generator (39) so as to generate rearranged data sequences and, during writing and reading of the data sequences, error correction is carried out, there is included an error correction arithmetic circuit (50) for performing an error correction calculation, a pointer addition circuit (51, 52) for adding a pointer to the data words in association with an error state of the blocks, and a program memory (49) for memorizing a microprogramm with fields to control the error correction arithmetic circuit (50) and pointer addition circuit (51, 52).

IPC 1-7

G11B 5/09; H04L 1/10

IPC 8 full level

G06F 11/10 (2006.01); **G11B 5/09** (2006.01); **G11B 20/18** (2006.01); **H03M 13/00** (2006.01); **H03M 13/27** (2006.01)

CPC (source: EP US)

G11B 20/1809 (2013.01 - EP US); **G11B 20/1833** (2013.01 - EP US)

Cited by

EP0130091A1; EP0232133A3; EP0180470A3; EP0156413A1; EP0569716A3; US5528608A; US5898710A; US5968200A; EP0748058A3; EP0198702A3; EP0188627A4; US4852101A

Designated contracting state (EPC)

AT DE FR GB NL

DOCDB simple family (publication)

US 4532629 A 19850730; AT E47499 T1 19891115; CA 1193736 A 19850917; DE 3380752 D1 19891123; EP 0086566 A2 19830824; EP 0086566 A3 19850710; EP 0086566 B1 19891018; JP H0588011 B2 19931220; JP S58123253 A 19830722; MY 100776 A 19910214

DOCDB simple family (application)

US 45912883 A 19830119; AT 83300264 T 19830119; CA 419698 A 19830118; DE 3380752 T 19830119; EP 83300264 A 19830119; JP 654382 A 19820119; MY PI19872609 A 19870930